

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081926.D
 Acq On : 1 Oct 2015 3:25
 Operator : UM/IZ
 Sample : G3828-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OGS-SSCF-PH-FL-2-3.5-4

Manual Integrations
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Quant Time: Oct 01 06:21:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 05:22:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	119221	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	453081	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	185752	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	290845	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	306368	20.00	ng	-0.01
86) Perylene-d12	15.53	264	309644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	801649	122.06	ng	0.01
7) Phenol-d6	6.54	99	981641	118.78	ng	0.00
23) Nitrobenzene-d5	7.47	82	659779	97.07	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	230920	122.75	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1077393	100.61	ng	0.00
78) Terphenyl-d14	13.02	244	853597	92.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	322774	25.17	ng	Qvalue # 97
74) Fluoranthene	12.64	202	108911	6.99	ng	95
77) Pyrene	12.87	202	113384	6.19	ng	97
80) Benzo(a)anthracene	14.07	228	95446	5.79	ng	# 91
82) Chrysene	14.10	228	79706m	4.57	ng	
85) Indeno(1,2,3-cd)pyrene	16.97	276	46628	3.61	ng	# 85
87) Benzo(b)fluoranthene	15.11	252	120811m	6.83	ng	
88) Benzo(k)fluoranthene	15.12	252	64876m	4.00	ng	
89) Benzo(a)pyrene	15.48	252	81986	5.35	ng	# 85
91) Benzo(g,h,i)perylene	17.41	276	40201	3.05	ng	# 74

(#) = qualifier out of range (m) = manual integration (+) = signals summed

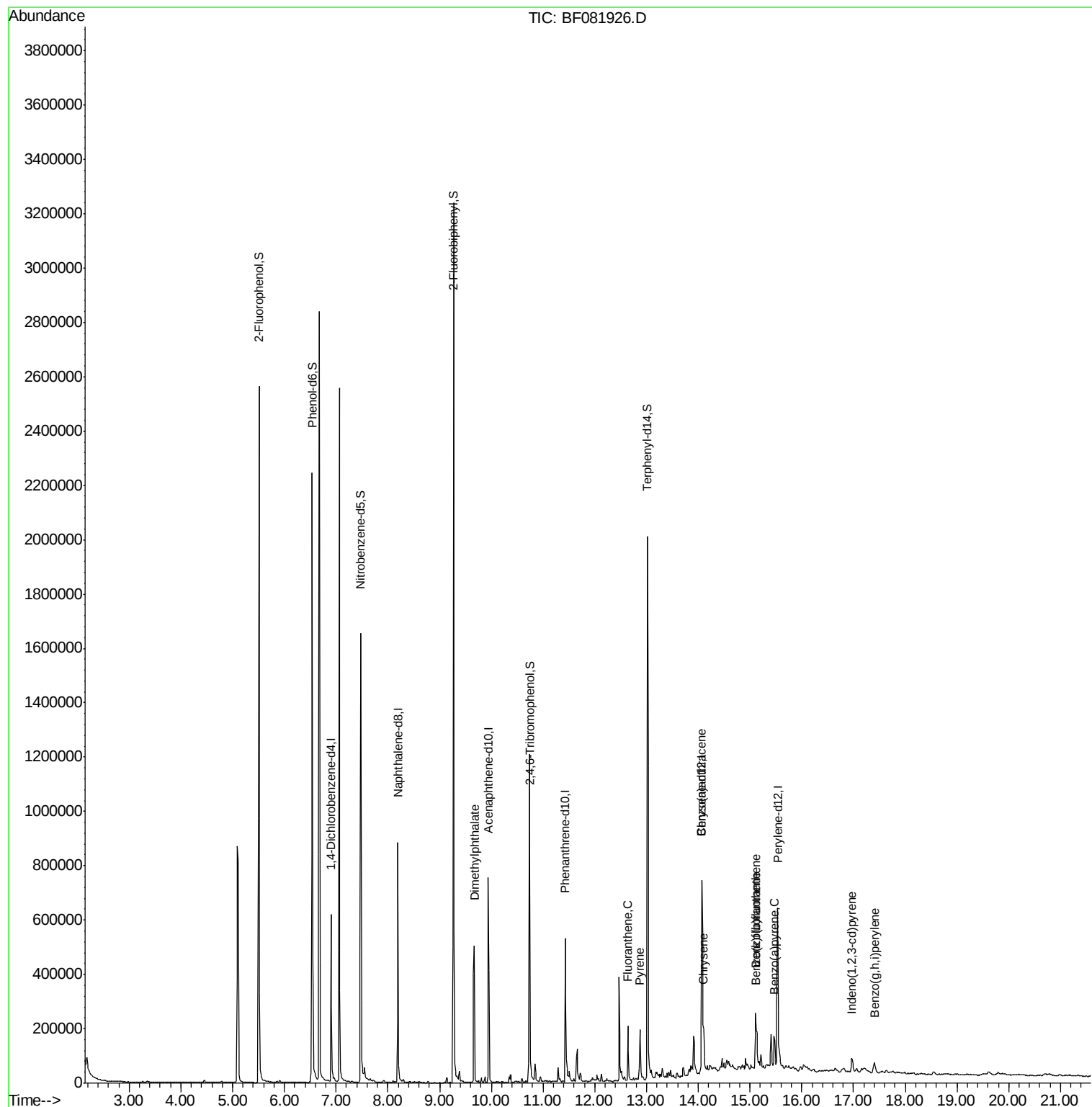
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081926.D
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ALS Vial : 17 Sample Multiplier: 1

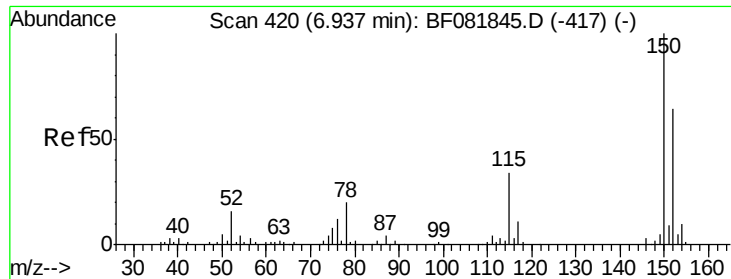
Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-2-3.5-4

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Quant Time: Oct 01 06:21:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
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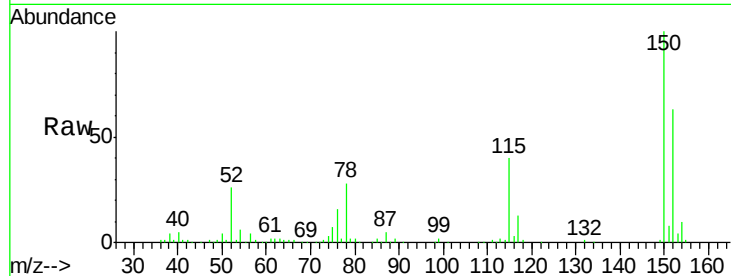




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF081926.D
Acq: 1 Oct 2015 3:25

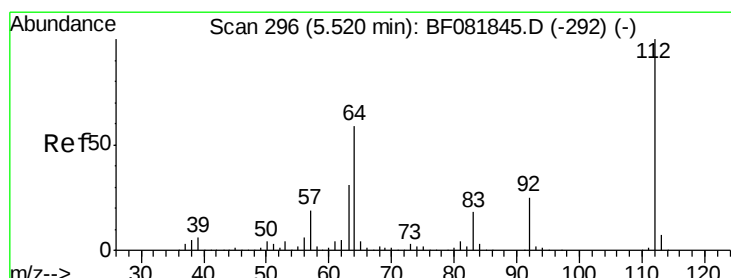
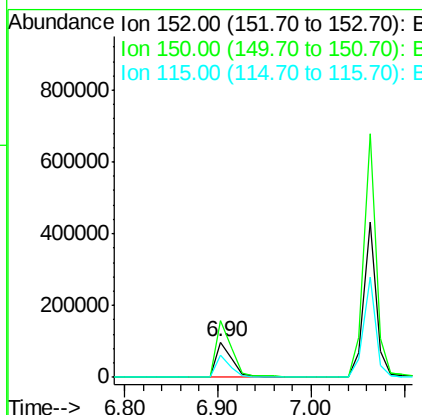
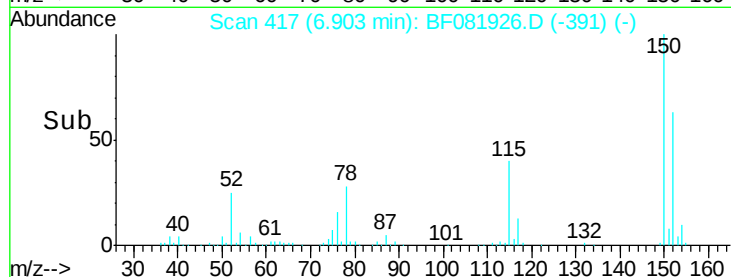
Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-2-3.5-4



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.7	187.1
115	63.5	39.0	58.4#

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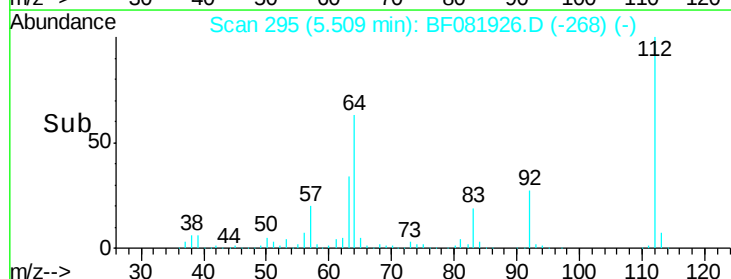
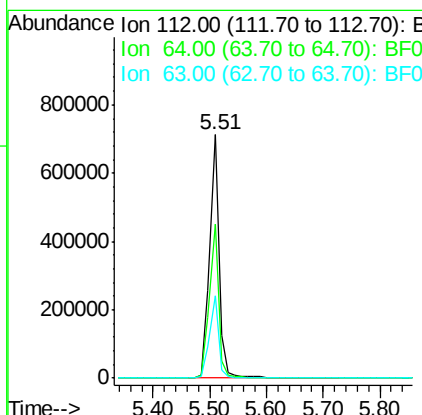
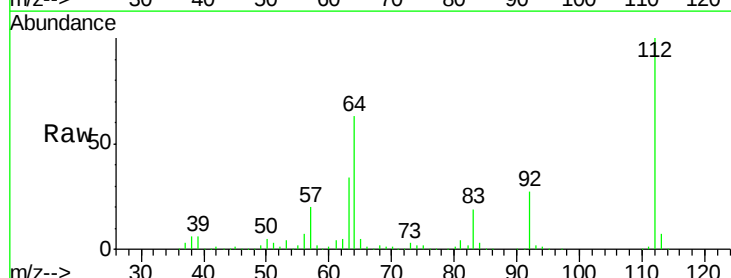
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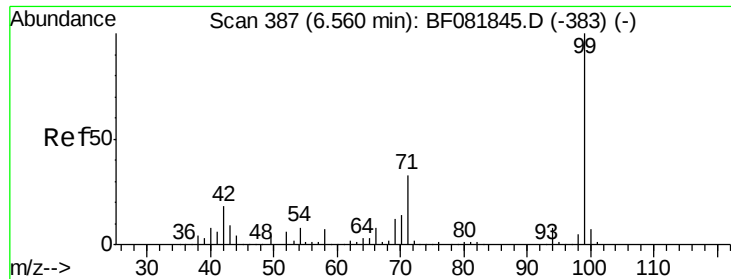


#5

2-Fluorophenol
Concen: 122.06 ng
RT: 5.51 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF081926.D
Acq: 1 Oct 2015 3:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	39.7	59.5#
63	33.6	17.4	26.0#





#7

Phenol-d6

Concen: 118.78 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF081926.D

Acq: 1 Oct 2015 3:25

Instrument :

BNA_F

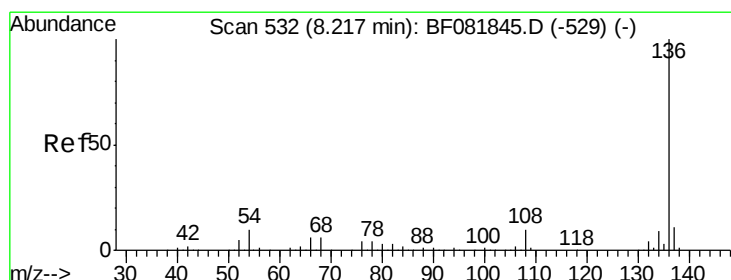
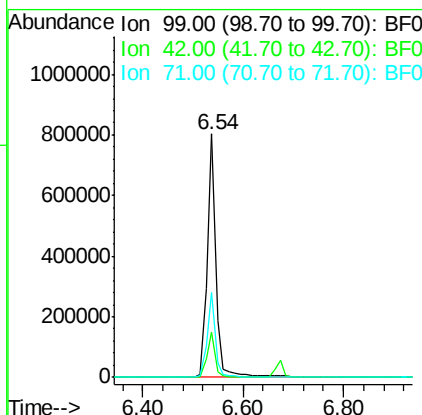
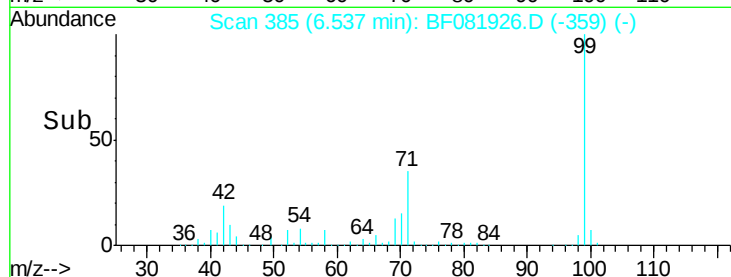
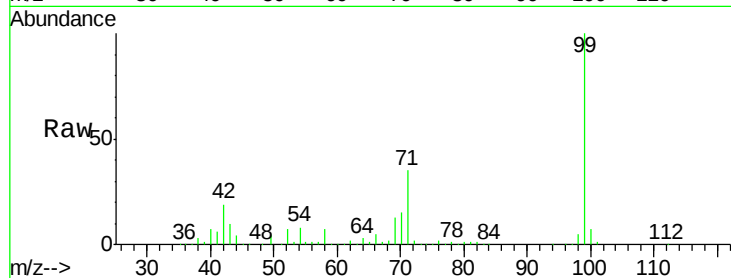
ClientSampleId :

OGS-SSCF-PH-FL-2-3.5-4

Tgt Ion:	99	Resp:	981641
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.7	20.5
71	34.7	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

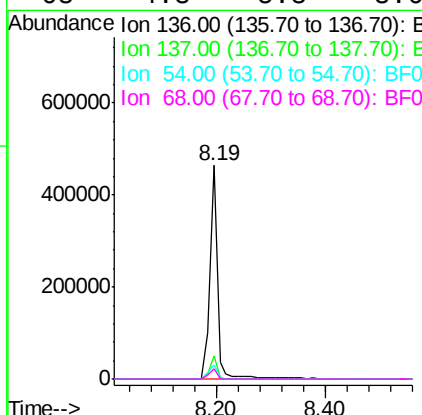
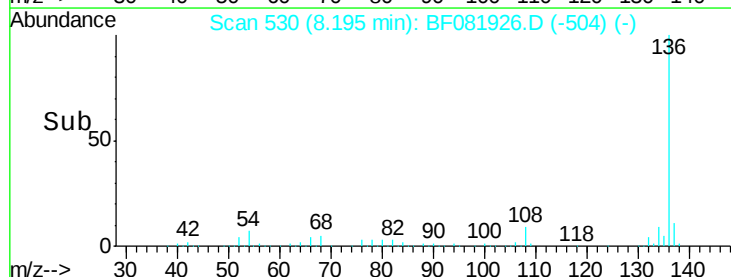
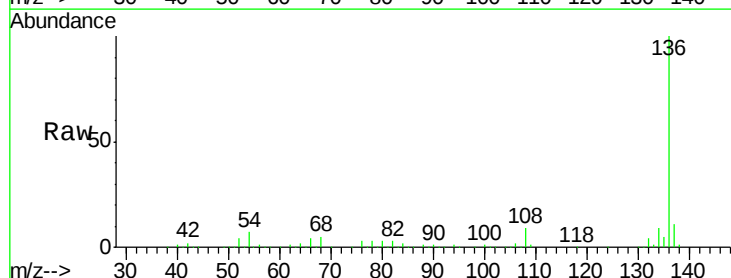
RT: 8.19 min Scan# 530

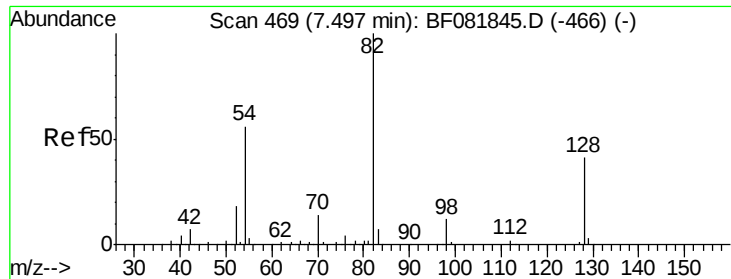
Delta R.T. 0.00 min

Lab File: BF081926.D

Acq: 1 Oct 2015 3:25

Tgt Ion:	136	Resp:	453081
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	6.8	8.2	12.2#
68	4.8	5.8	8.6#





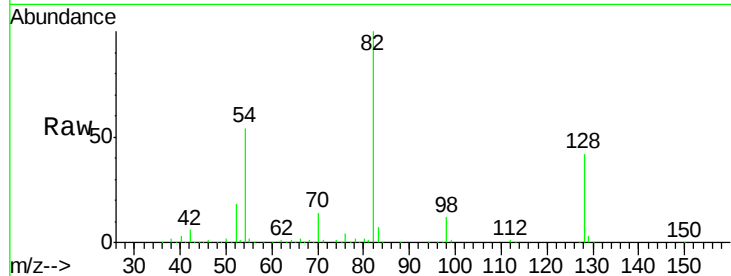
#23
 Nitrobenzene-d5
 Concen: 97.07 ng
 RT: 7.47 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081926.D
 Acq: 1 Oct 2015 3:25

Instrument :
 BNA_F
 ClientSampleId :
 OGS-SSCF-PH-FL-2-3.5-4

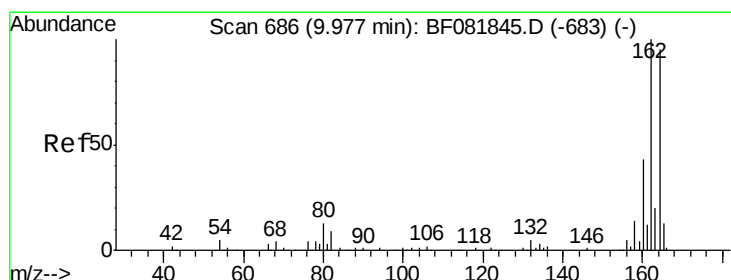
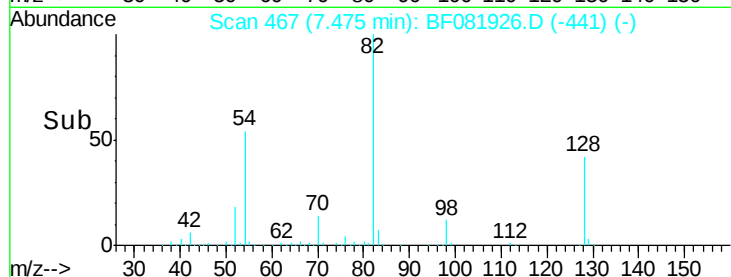
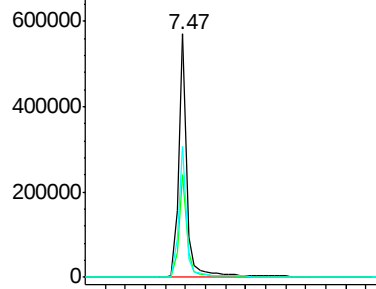
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	51.0	76.6#
54	53.7	47.5	71.3

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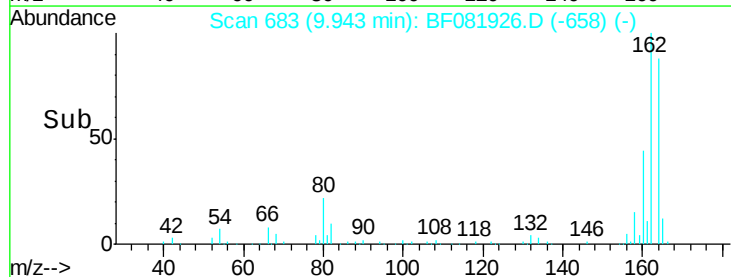
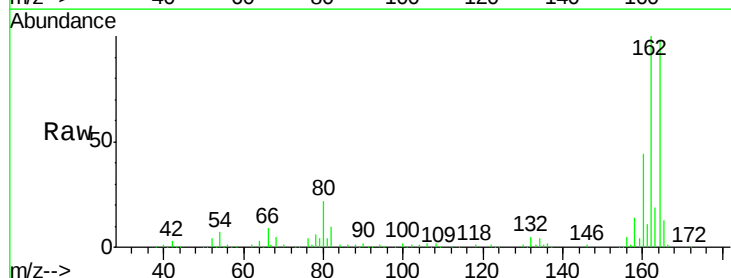
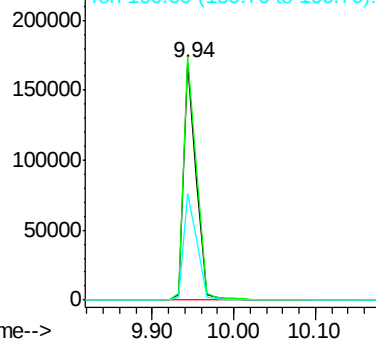
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

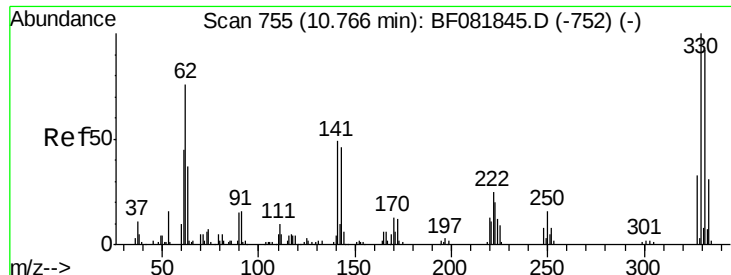


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081926.D
 Acq: 1 Oct 2015 3:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	75.2	112.8
160	44.9	31.5	47.3

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





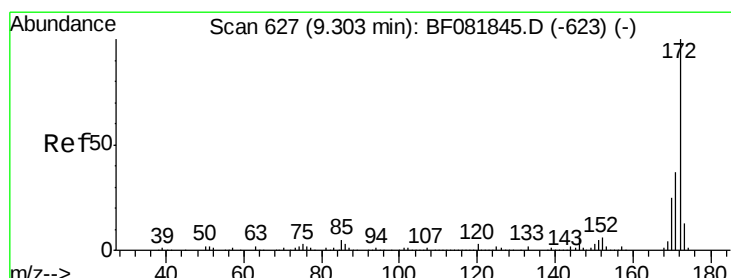
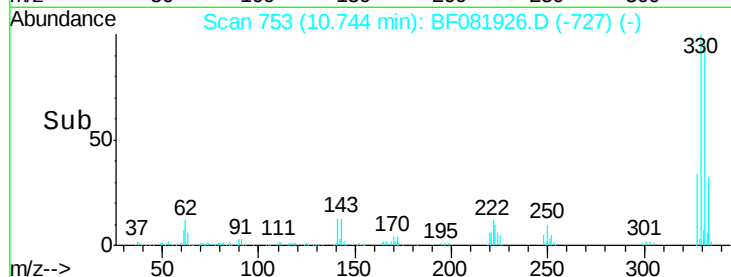
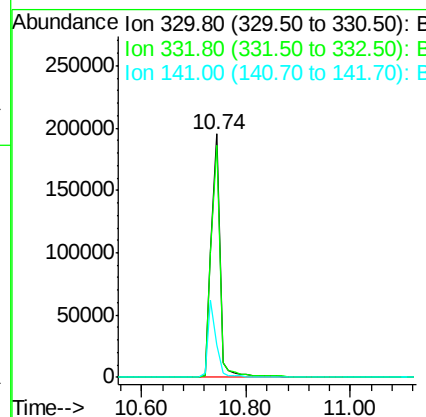
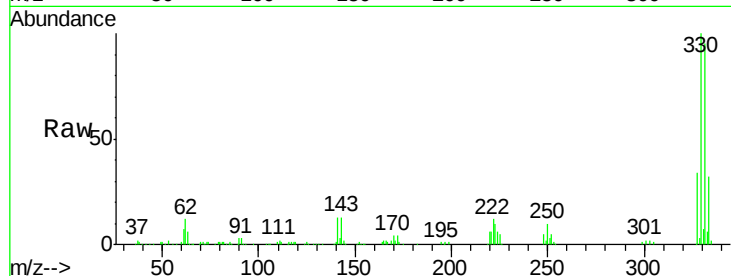
#41
 2,4,6-Tribromophenol
 Concen: 122.75 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF081926.D
 Acq: 1 Oct 2015 3:25

Instrument :
 BNA_F
 ClientSampleId :
 OGS-SSCF-PH-FL-2-3.5-4

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	230920		
332	96.8	76.6	114.8	
141	30.1	29.7	44.5	

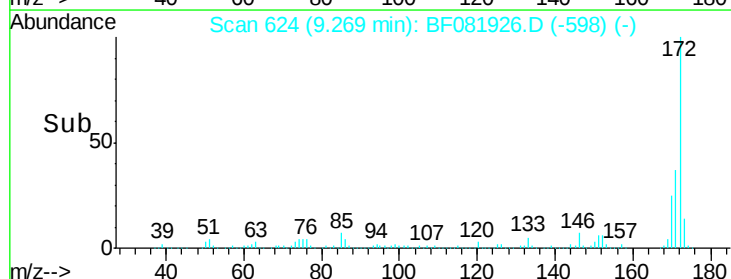
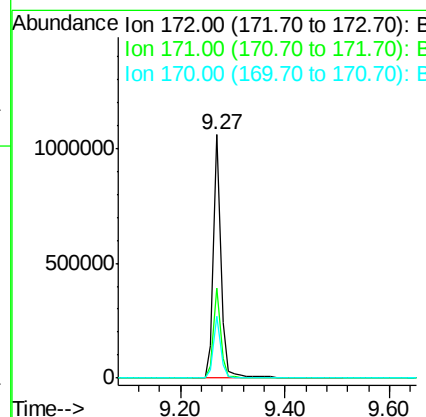
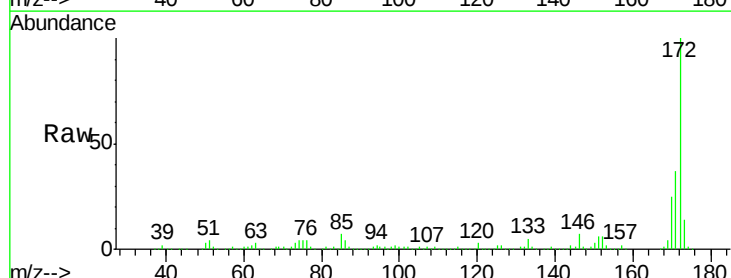
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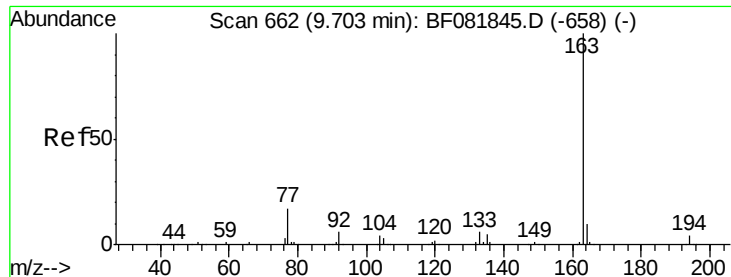
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#44
 2-Fluorobiphenyl
 Concen: 100.61 ng
 RT: 9.27 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081926.D
 Acq: 1 Oct 2015 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1077393		
171	37.0	26.1	39.1	
170	25.3	17.4	26.2	





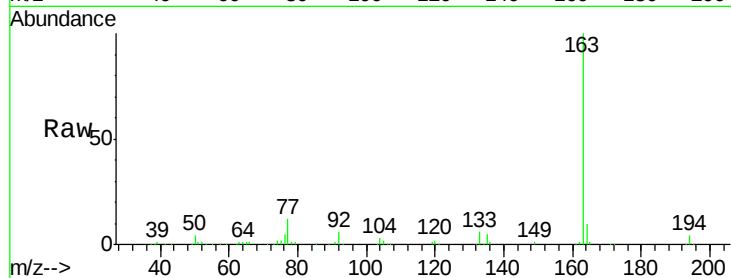
#49
Dimethylphthalate
Concen: 25.17 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF081926.D
Acq: 1 Oct 2015 3:25

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-2-3.5-4

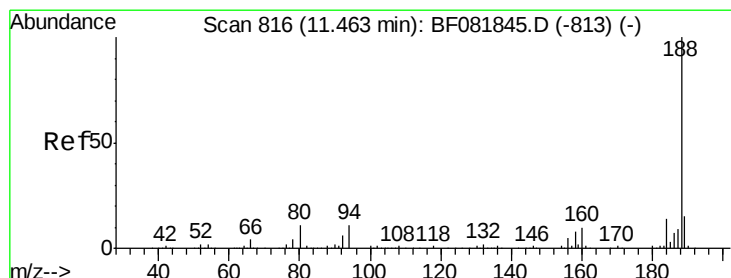
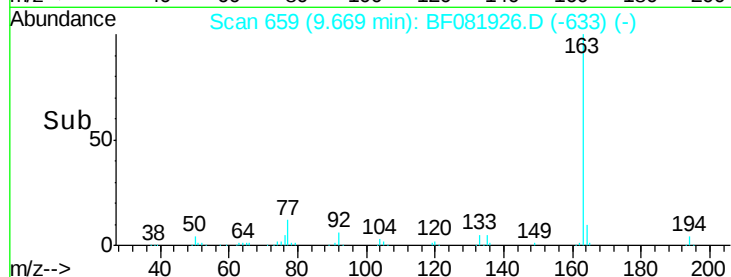
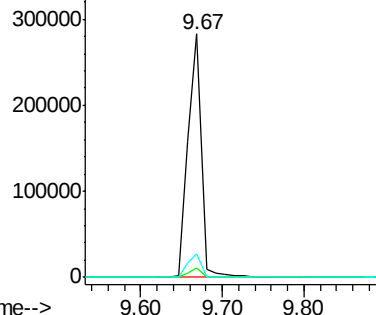
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	322774		
194	4.0		4.4	6.6#
164	9.8		8.3	12.5

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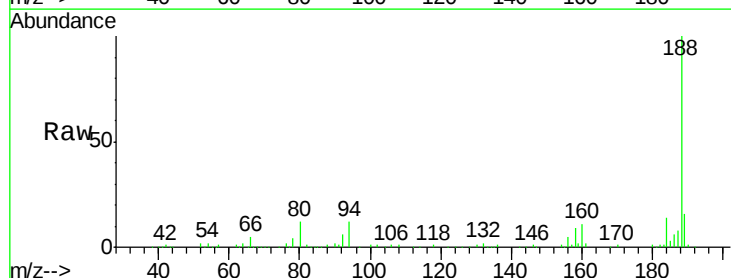


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

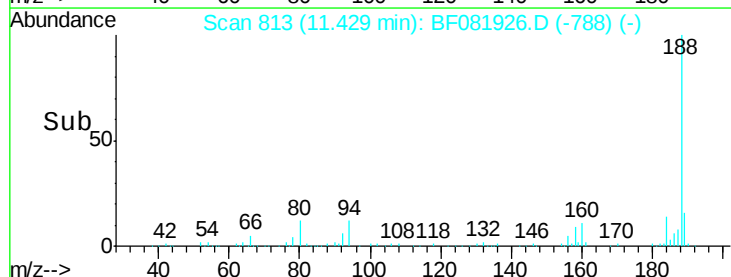
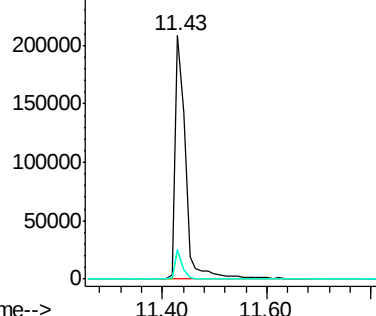


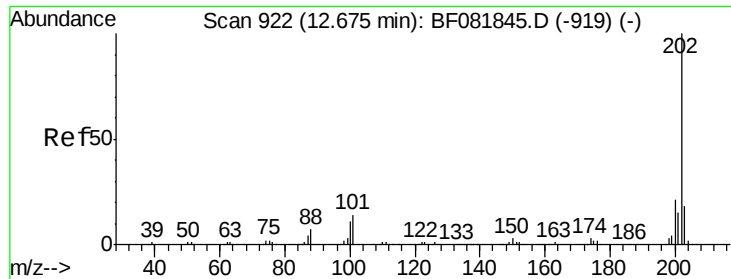
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF081926.D
Acq: 1 Oct 2015 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	290845		
94	11.9		11.1	16.7
80	12.4		11.0	16.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





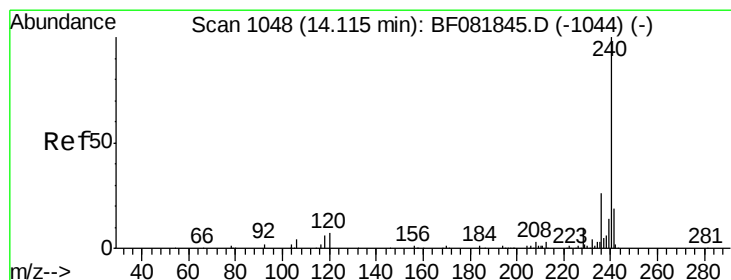
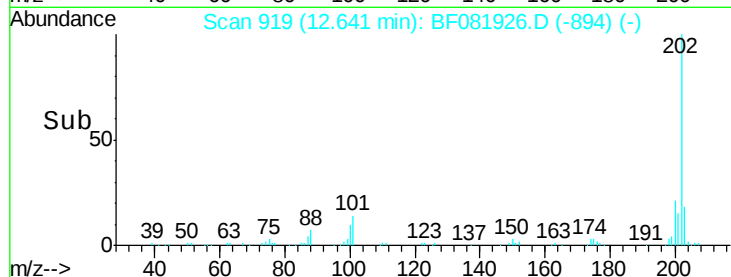
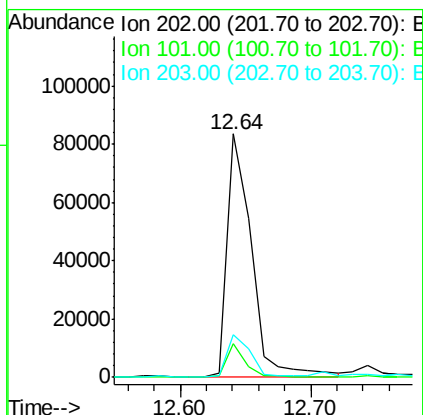
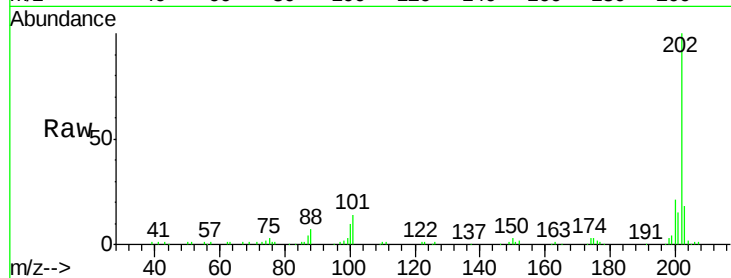
#74
 Fluoranthene
 Concen: 6.99 ng
 RT: 12.64 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF081926.D
 Acq: 1 Oct 2015 3:25

Instrument :
 BNA_F
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 OGS-SSCF-PH-FL-2-3.5-4

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		108911		
101	14.0	0.0	38.3		
203	17.5	0.0	37.3		

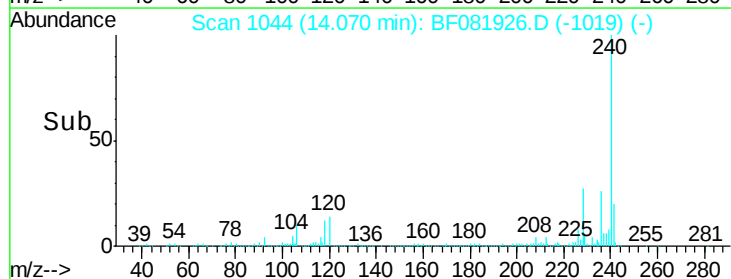
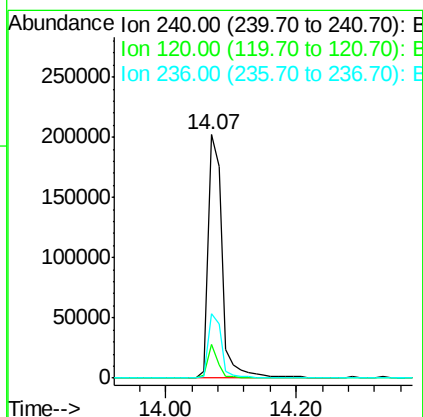
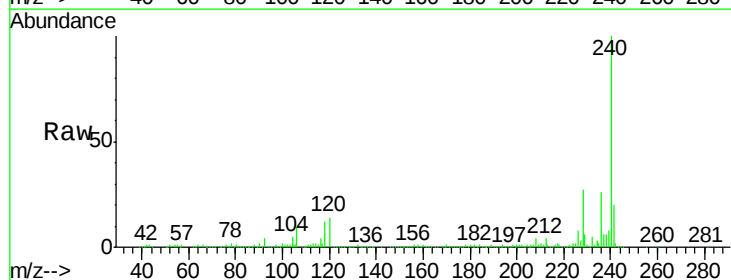
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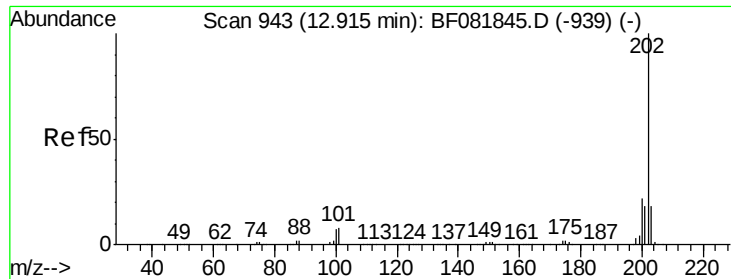
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF081926.D
 Acq: 1 Oct 2015 3:25

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		306368		
120	14.0	16.2	24.2#		
236	26.4	18.4	27.6		





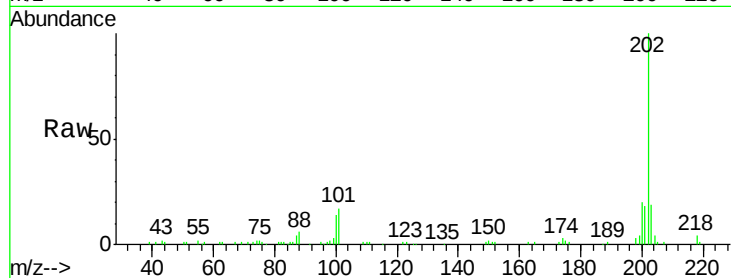
#77
 Pyrene
 Concen: 6.19 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081926.D
 Acq: 1 Oct 2015 3:25

Instrument :
 BNA_F
 ClientSampleId :
 OGS-SSCF-PH-FL-2-3.5-4

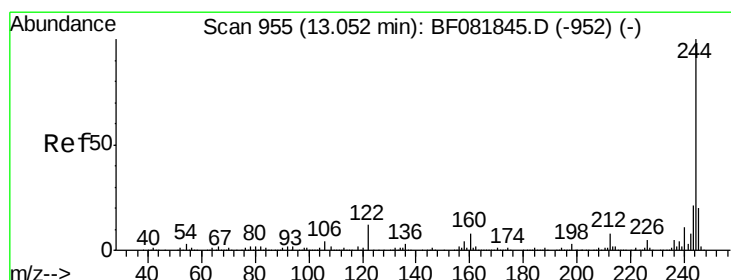
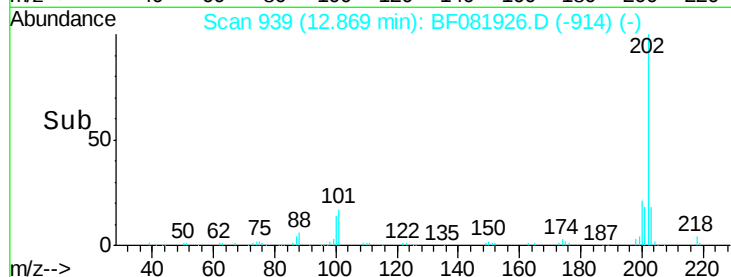
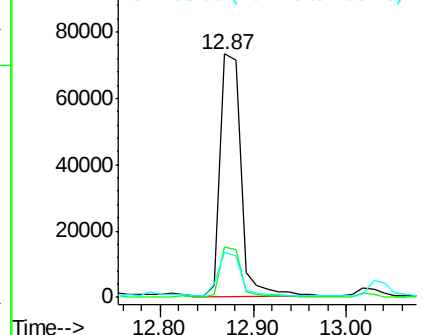
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.5	15.0	22.4
203	18.8	14.1	21.1

Manual Integrations
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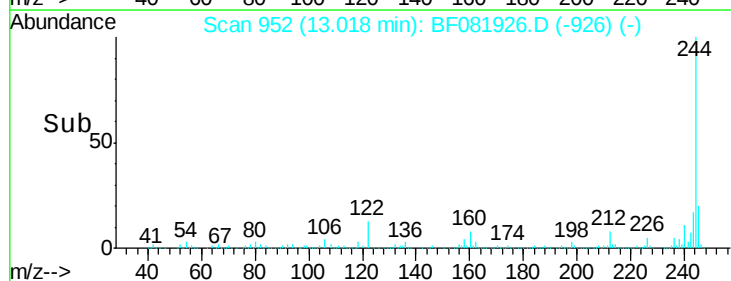
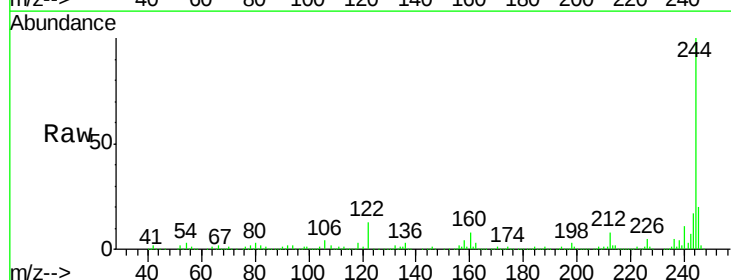
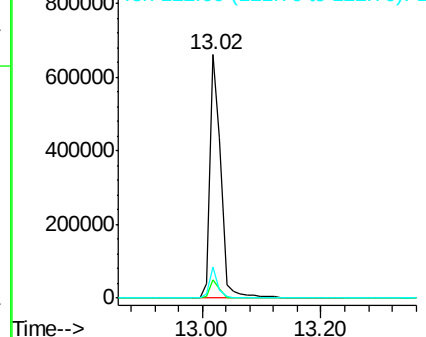
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

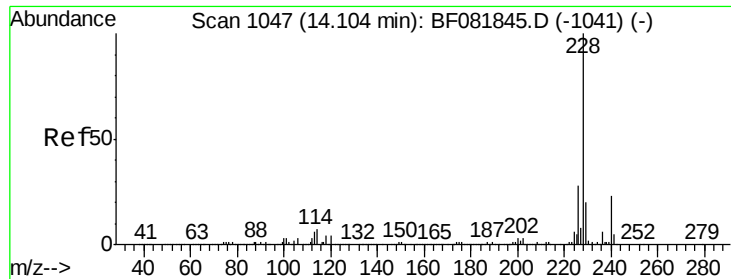


#78
 Terphenyl-d14
 Concen: 92.10 ng
 RT: 13.02 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081926.D
 Acq: 1 Oct 2015 3:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	4.3	6.5#
122	12.8	17.4	26.2#

Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





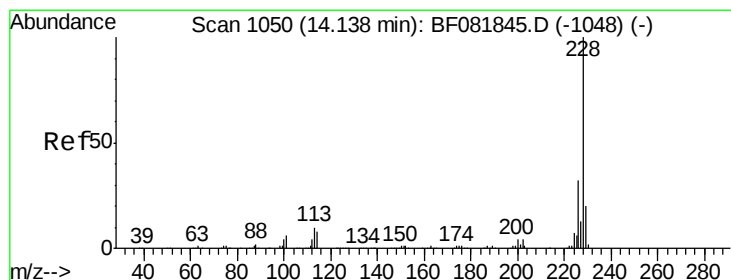
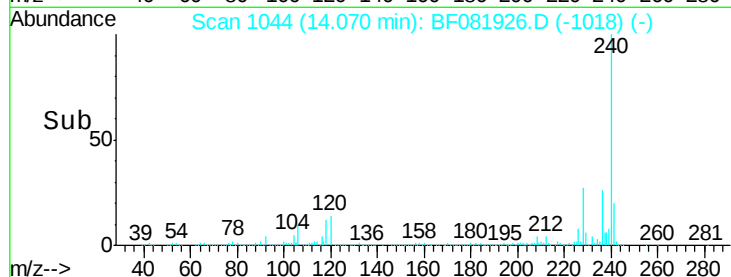
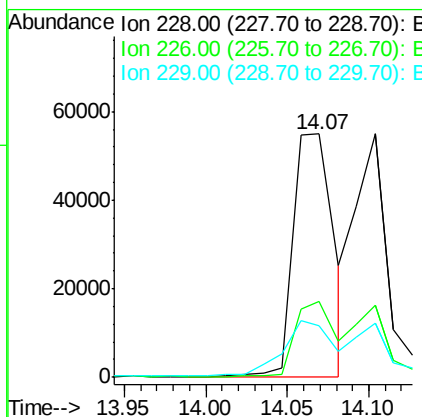
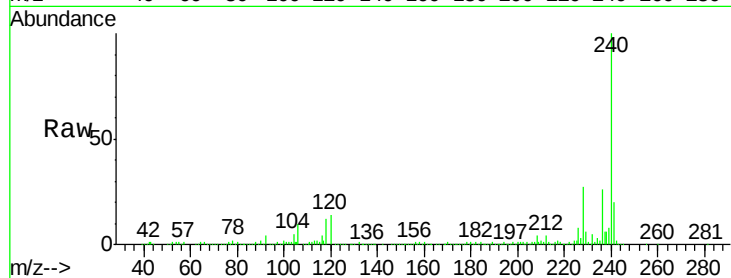
#80
Benzo(a)anthracene
Concen: 5.79 ng
RT: 14.07 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF081926.D
Acq: 1 Oct 2015 3:25

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-2-3.5-4

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	20.0	30.0#
229	21.4	15.4	23.2

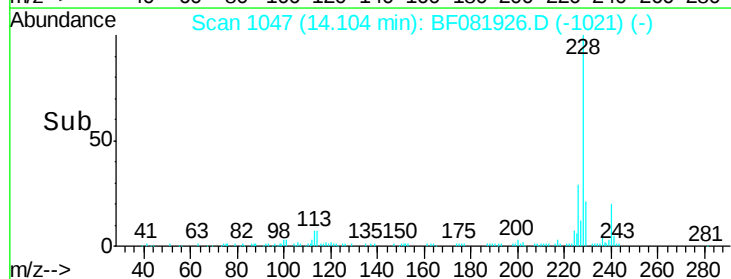
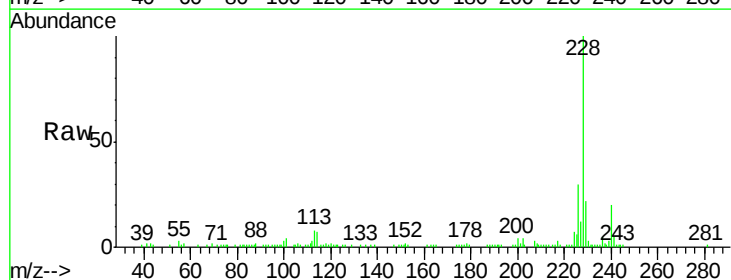
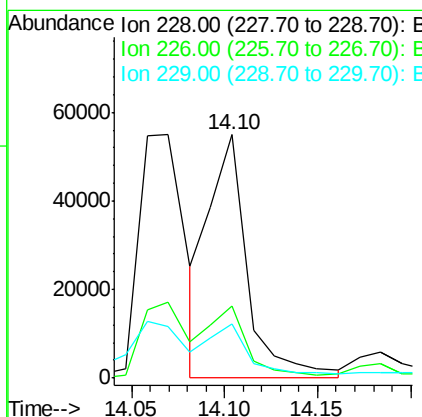
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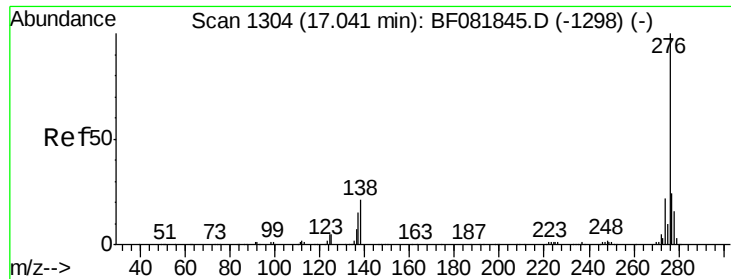
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#82
Chrysene
Concen: 4.57 ng m
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081926.D
Acq: 1 Oct 2015 3:25

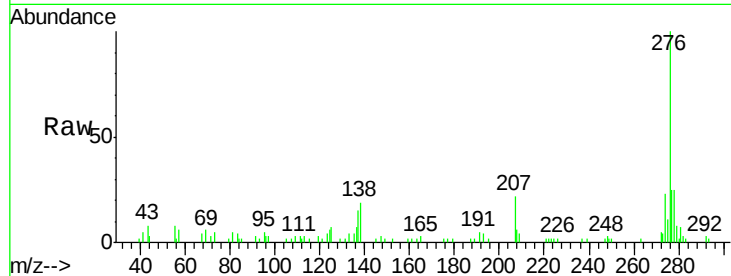
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.4
229	22.4	15.6	23.4





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.61 ng
 RT: 16.97 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF081926.D
 Acq: 1 Oct 2015 3:25

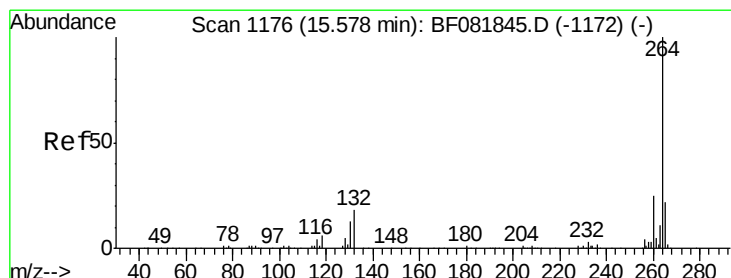
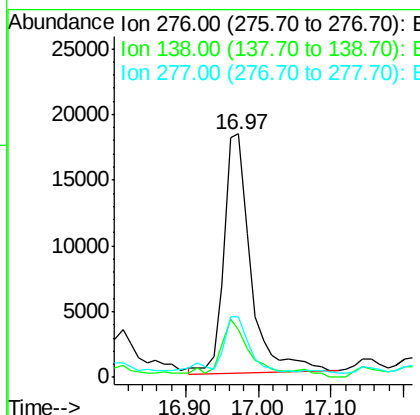
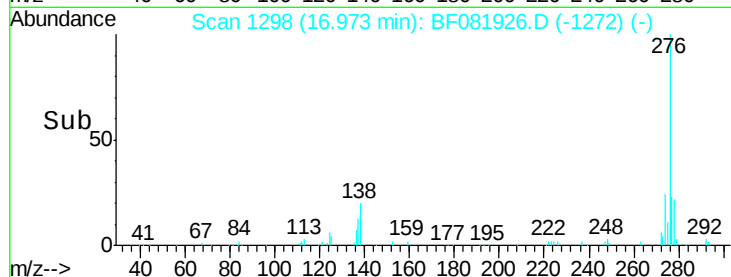
Instrument :
 BNA_F
 ClientSampleId :
 OGS-SSCF-PH-FL-2-3.5-4



Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.7	38.5#
277	24.4	15.6	23.4#

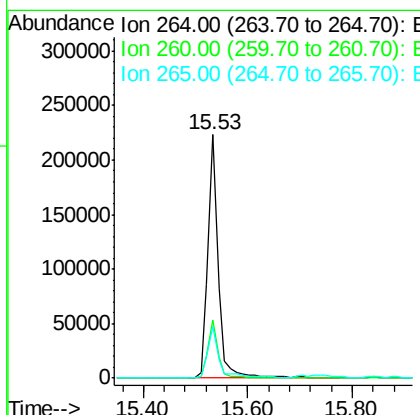
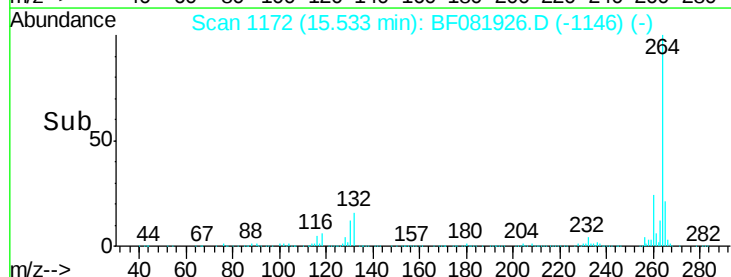
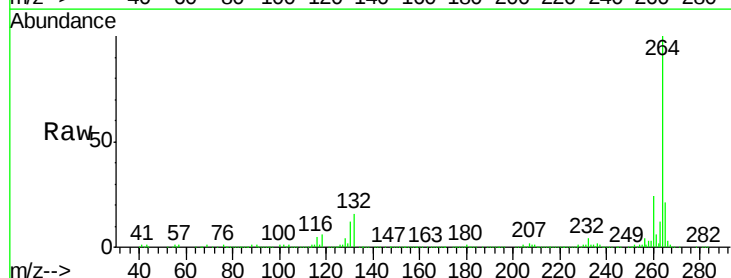
Manual Integrations
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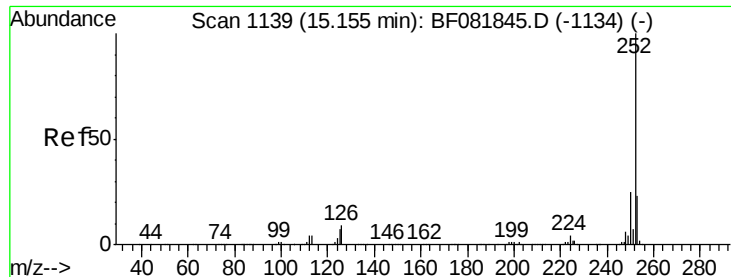
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF081926.D
 Acq: 1 Oct 2015 3:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 6.83 ng m

RT: 15.11 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF081926.D

Acq: 1 Oct 2015 3:25

Instrument :

BNA_F

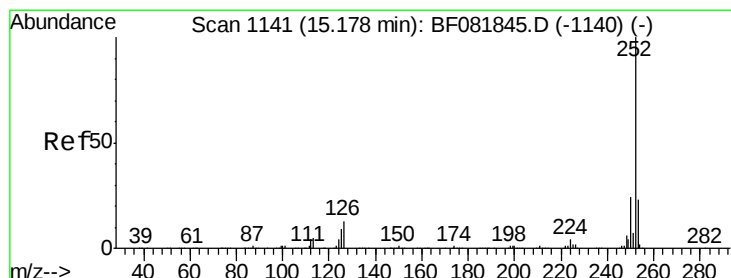
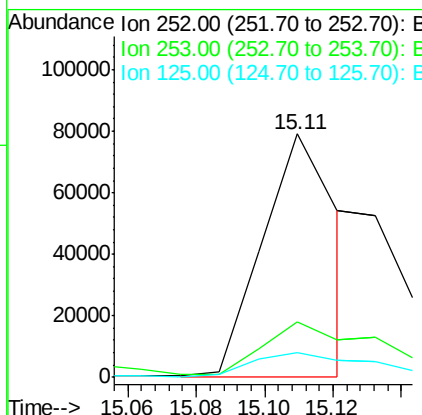
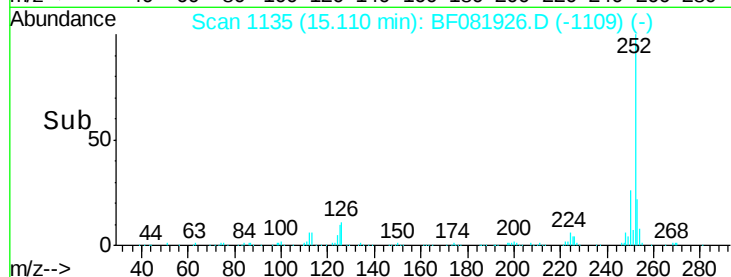
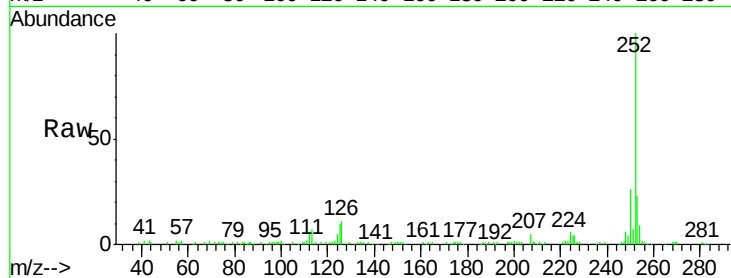
ClientSampleId :

OGS-SSCF-PH-FL-2-3.5-4

Tgt Ion:	252	Resp:	120811
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.2	17.1	25.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 4.00 ng m

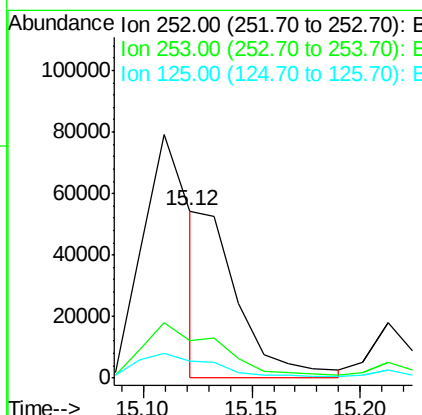
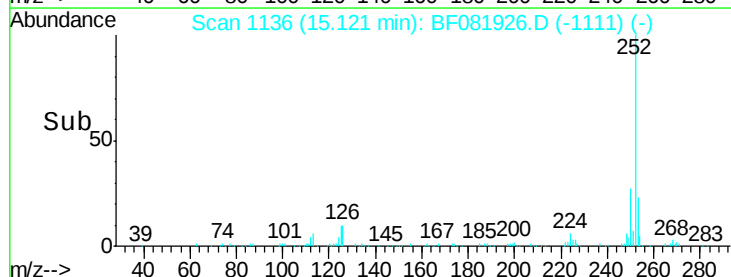
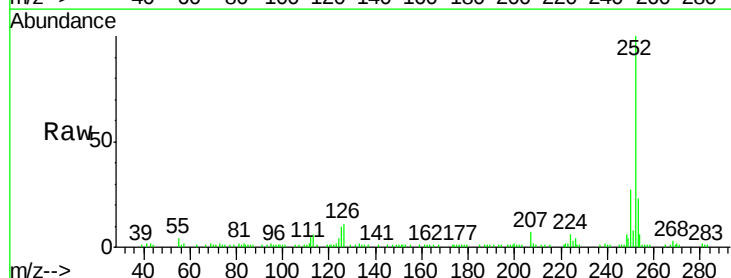
RT: 15.12 min Scan# 1136

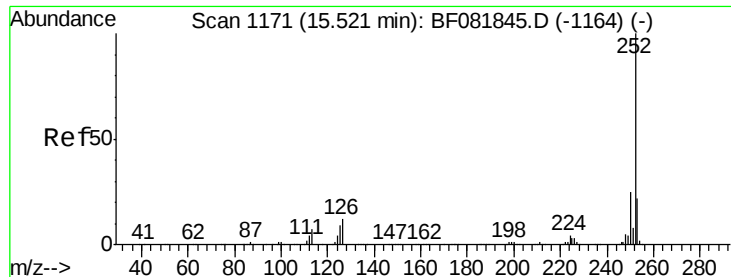
Delta R.T. -0.01 min

Lab File: BF081926.D

Acq: 1 Oct 2015 3:25

Tgt Ion:	252	Resp:	64876
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.0	25.4
125	10.2	16.0	24.0#





#89

Benzo(a)pyrene

Concen: 5.35 ng

RT: 15.48 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF081926.D

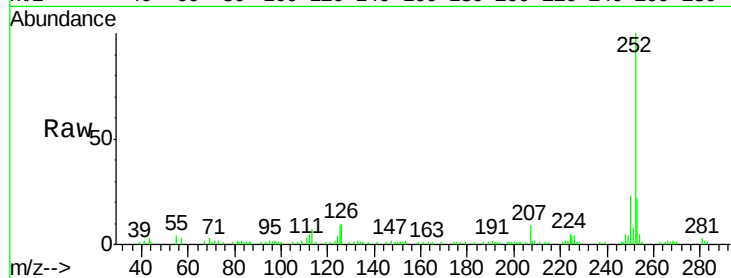
Acq: 1 Oct 2015 3:25

Instrument :

BNA_F

ClientSampleId :

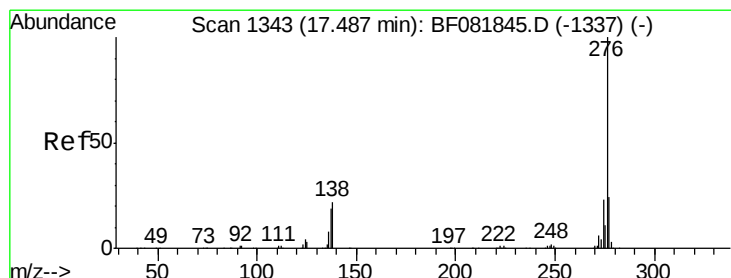
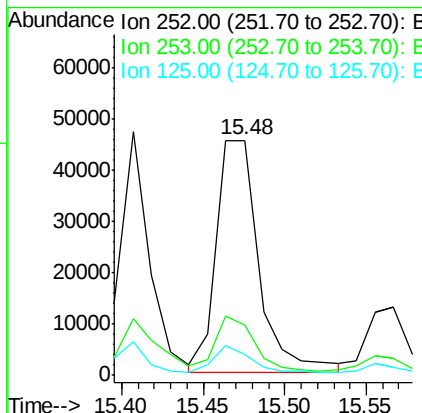
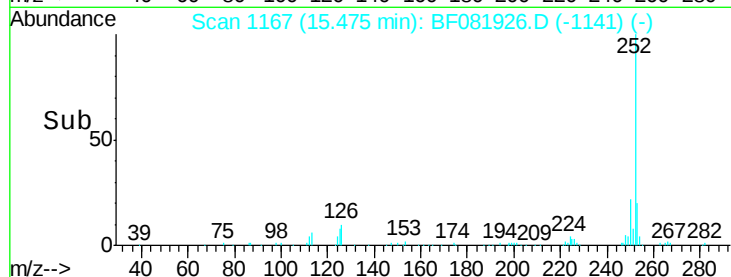
OGS-SSCF-PH-FL-2-3.5-4



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	8.7	18.0	27.0#

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#91

Benzo(g,h,i)perylene

Concen: 3.05 ng

RT: 17.41 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF081926.D

Acq: 1 Oct 2015 3:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.8	26.6
138	20.4	34.6	51.8#

